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(71) Applicant and

(72) Inventor: JOHNSEN, Torfinn [NO/NO]; Luragaten 25,  
N-4307 Sandnes (NO).

(74) Agent: ONSAGERS AS; P.O. Box 6963 St. Olavs plass,  
N-0130 Oslo (NO).

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(54) Title: SOIL MEMBRANE FORMING MIXTURE

(57) Abstract: This invention relates to an organic, environment-friendly, preferably antioxidising and biodegradable climate, soil and growth enhancing mixture of preferably organic materials that can be applied to moist soil as dry matter or dry soil in liquid state, and which subsequently solidifies into a degradable film or membrane on top of or at a given depth in the soil. The properties of the film can be set so that the film regulates or changes the soil's oxidation ability, degradation rate, temperature, greenhouse gas respiration, combustibility, mechanical strength, evaporation rate, water runoff, nutrient conversion rate and germination conditions on and/or below the surface of the soil mass. The film or membrane can be used alone or in combination with standard plant nutrition or fertiliser.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2004/000071

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A01G 13/02 // A01G 1/00, A01G 13/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A01G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0170012 A1 (JOHNSON, LISE), 27 Sept 2001 (27.09.2001), page 10, line 8 - line 21, abstract	1,2
Y	--	4-32,34-56
X	US 6029395 A (MORGAN), 29 February 2000 (29.02.2000), column 5, line 1 - line 11, abstract	1
Y	--	4-32,34-56
Y	NO 164106 B (BASF AKTIENGESELLSCHAFT), 21 March 1986 (21.03.1986), whole document	4-32,34-56
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 Further documents are listed in the continuation of Box C. See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed

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Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. + 46 8 666 02 86

Authorized officer

Ingrid Falk/EK  
Telephone No. + 46 8 782 25 00

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International application No.

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A	EP 0274851 A1 (HARVEST CHEMICALS (PROPRIETARY)LTD), 20 July 1988 (20.07.1988), whole document -- -----	32

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

03/07/2004

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